

ABSTRACT

The invention concerns a device and a method for detecting the nature of a blow and for measuring its force. The device includes a first sensor integral with a stationary or mobile target for detecting whether the target has been impacted by a mobile body and a second sensor integral with the mobile body for detecting whether the mobile body grazes the target or strikes it. The moving body includes a material highly permeable to a magnetic field and the target includes means for generating a magnetic field in its vicinity, the magnetic properties of the target being detected by using a magnetic field detector. The invention is useful for refereeing a combat sport.